

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-14 (Canceled).

Claim 15 (Currently Amended): An agricultural machine comprising:

a body resting at least partially on the ground, the body being configured to be hitched to a tractor vehicle, ~~by at least one articulation defining:~~

a primary hitch bar connected to the body;

a secondary hitch bar connected to the primary hitch bar in a pivoting manner by a first articulation defining a first pivoting axis directed upward and a second articulation defining a second substantially horizontal pivoting axis directed in a direction of travel;

at least one jaw connected to the secondary hitch bar and comprising an opening widening out in a substantially vertical direction;

a support spindle connected to an intermediate bar, wherein during hitching the support spindle is configured to engage in the at least one jaw in a pivoting manner so as to form a third articulation pivoting along a third substantially horizontal pivoting axis directed transversely to the direction of travel; and

~~a first pivoting axis directed upward;~~

~~a second substantially horizontal pivoting axis directed in a direction of travel of the agricultural machine; and~~

~~a third substantially horizontal pivoting axis directed transversely to the direction of travel;~~

an adapter configured to be rigidly connected to a drawbar of the tractor vehicle and to the intermediate bar of the support spindle, wherein said drawbar has a gage that may vary according to the brand and power category of said tractor vehicle;

~~a support spindle; and~~
~~at least one jaw comprising an opening widening out in a substantially vertical~~
~~direction, wherein during hitching the support spindle is configured to engage in the at least~~
~~one jaw.~~

Claims 16-18 (Cancelled).

Claim 19 (Currently Amended): An agricultural machine as claimed in claim ~~16~~ 15, further comprising a connection and transmission device configured to connect the secondary hitch bar to the primary hitch bar and by which working units of the body are driven from a power take-off of the tractor vehicle.

Claim 20 (Previously Presented): An agricultural machine as claimed in claim 19, wherein the connection and transmission device comprises:
a first gearbox rigidly connected to a front portion of the primary hitch bar; and
a second gearbox connected in a pivoting manner to the first gearbox by an articulation defining the first pivoting axis directed upward,
wherein said secondary hitch bar is connected in a pivoting manner to the second gearbox by an articulation defining the second substantially horizontal pivoting axis directed in a direction of travel.

Claim 21 (Cancelled).

Claim 22 (Currently Amended): An agricultural machine as claimed in claim ~~21~~ 15, wherein the at least one jaw is connected in a manner adjustable in height relative to the secondary hitch bar.

Claim 23 (Currently Amended): An agricultural machine as claimed in claim ~~21~~ 22, comprising two jaws arranged symmetrically on either side of a vertical mid-plane of the secondary hitch bar.

Claim 24 (Previously Presented): An agricultural machine as claimed in claim 23, wherein the support spindle comprises a cylinder and at least one centering element centered on the cylinder, the centering element having a frustoconical shape whose vertex is oriented toward one end of the cylinder.

Claim 25 (Previously Presented): An agricultural machine as claimed in claim 24, wherein the support spindle comprises two centering elements, a distance separating outer faces of the two centering elements being substantially equal to a distance separating the two jaws.

Claim 26 (Previously Presented): An agricultural machine as claimed in claim 25, wherein the adapter comprises an intermediate bar and the centering elements are placed beside on either side of the intermediate bar.

Claim 27 (Cancelled).

Claim 28 (Previously Presented): An agricultural machine as claimed in claim 15, wherein the agricultural machine is a mower.

Claim 29 (New): An agricultural machine as claimed in claim 15, wherein said adapter comprises two side plates mounted respectively on either side of said intermediate bar by of two mounting rods.

Claim 30 (New): An agricultural machine as claimed in claim 29, wherein one of said two mounting rods serves as an axis for pivoting said intermediate bar relative to said side plates.

Claim 31 (New): An agricultural machine as claimed in claim 30, wherein said side plates is configured to clamp said drawbar laterally upon tightening said two mounting rods.

Claim 32 (New): An agricultural machine as claimed in claim 31, wherein said adapter further comprises a locking rod connected to said two side plates and a tightening screw connected to said intermediate bar.

Claim 33 (New): An agricultural machine as claimed in claim 32, wherein said tightening screw is configured to press against a pin secured to said side plates.

Claim 34 (New): An agricultural machine as claimed in claim 33, wherein said drawbar is clamped between said locking rod and said intermediate bar upon tightening said tightening screw.

Claim 35 (New): An agricultural machine comprising:

a body resting at least partially on the ground, the body configured to be hitched to a tractor vehicle by at least one articulation defining:

a first pivoting axis directed upward,

a second substantially horizontal pivoting axis directed in a direction of travel of the agricultural machine, and

a third substantially horizontal pivoting axis directed transversely to the direction of travel;

an adapter configured to be rigidly connected to a drawbar of the tractor vehicle;

a support spindle; and

at least one jaw comprising an opening widening out in a substantially vertical direction, wherein during hitching the support spindle is configured to engage in the at least one jaw,

wherein the support spindle comprises two centering elements, a distance separating outer faces of the two centering elements being substantially equal to a distance separating the two jaws.